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PATENT APPLICATION  
Docket No: 7678.545.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
 )  
Dan E. Fischer )  
 )  
Serial No.: 10/068,788 ) Art Unit  
 ) 3732  
Confirmation No.: 8136 )  
 )  
Filed: February 5, 2002 )  
 )  
For: FIBER-COVERED DENTAL DELIVERY INSTRUMENTS )

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Mail Stop – IDS – FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

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JAN 16 2004  
TECHNOLOGY CENTER R3700

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which

the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

Statement of Relevance of References Listed  
Unaccompanied by English Translation  
Under 37 C.F.R. § 1.98(a)(3)

In accordance with 37 C.F.R. § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided:

**German Patent No. 3436472A, Issued 4/10/1986: Tooth brush with cylindrical holder for bristles – has handle joined to holder by transition piece.** The tooth brush has a head (7) on its brush part, the bristles (9) of which are positioned radially in relation to its centre axis (12) and cover the v-hole of the brush holder (10). The holder is cylindrical and forms one piece with the handle (3).

Between the holder and the handle is a transition piece (14). A duct running inside the handle and brush has radial holes between it and the outer surface (18) of the holder, for the toothpaste to emerge from.

ADVANTAGE – The toothbrush cleans the teeth easily and thoroughly by means of bristles covering the whole of the brush head.

**French Patent No. 2288-495, Issued 6/25/1976: Brush for use applying medication to oral zones – is borne on doubly curved conduit forming arm providing pressurized liq. feed to brush.** Brush (10) on curved conduit support arm, for use in applying medicative liquids to inaccessible areas of the mouth and pharynx, etc., is of this geometric form to afford facile access,

and embodies a conduit whereby liquid from suitable reservoirs can be fed by pressure application to the brush. The support arm incorporates a rectilinear hollow section (13), a cylindrical section of double curvature (1,2,3,4) and a cylindro-conical section with brush (10) housing cavity (11). The latter section terminates in a brush gripping recess (12), and pref. the brush (10) of animal hairs tapers down in thickness towards its exposed tip. The conduit pref. traverses the length of the arm, locates in an eccentric position w.r.t. the long arm axis, and terminates basally in a form (13) specially contoured to receive a liquid reservoir, which is simply connected by insertion of a nozzle into the socket (13).

USE – In the medical, veterinary and hygiene sectors and in laboratories.

**German Patent No. 3937030A1, Issued 5/10/1990: Dental instrument for fluid application – has fluid reserve in inner casing burst by pressure on outer one.** The dental instrument is for local application of fluid, paste or gel, and comprises a bar (1) with applicator tip (3) at one end (2). At the other end (7) the bar accommodates a reserve (11) of the fluid etc. inside a first sealing inner casing (10), in turn accommodated inside a second outer one (12) with an opening or slit (16) in the top part (14).

The outer casing slides into the bar, or is of material with sufficient elasticity to distort when pressed against a solid base. Movement or distortion of the outer casing in this manner causes the inner one to burst when compressed between it and the bar end wall (8). The contents are then forced out through the slit in the outer casing.

ADVANTAGE – Simplicity of manipulation.

**German Patent No. 3937030C2, Issued 5/10/1990: Dental instrument for fluid application.** The dental instrument is for local application of fluid, paste or gel, and comprises a bar (1) with applicator tip (3) at one end (2).

Submission Fee  
Under 37 C.F.R. § 1.97(c)

In accordance with 37 C.F.R. § 1.97(c), a Credit Card Payment Form PTO-2038 in the amount of \$180.00 to cover the submission fee is enclosed to secure consideration of the references submitted with this Supplemental Information Disclosure Statement. Please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 13<sup>th</sup> day of January, 2004.

Respectfully submitted,



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